

a plurality of nodes, wherein at least one node in said plurality can transmit data units and a plurality of nodes can receive data units;

a transmission media for communicating data units;

wherein a transmitting node network interface schedules and transmits data units on said transmission media in a destination-based order to improve network throughput.

14. The network according to claim 13 wherein said transmitting node network interface has some knowledge about network topology and uses that knowledge to schedule packets that are transmitted on said media.

15. The network according to claim 13 wherein said transmitting node network interface schedules packets transparently to said transmitting node.--

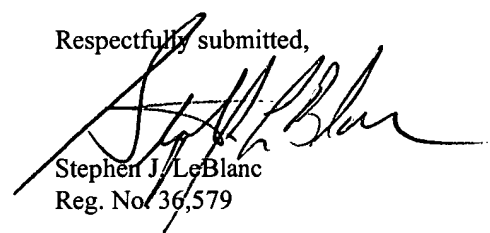
IN THE DRAWINGS:

Please amend the drawings by changing the designation of Fig 3A to Fig 3 and by placing the legend "(PRIOR ART)" after the figure designation for Fig. 3. Applicant will submit corrected formal drawings with a letter to the Official Draftsman

REMARKS

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone Ken Allen the undersigned at 650-326-2400.

Respectfully submitted,


Stephen J. LeBlanc
Reg. No. 36,579

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: (415) 576-0200
Fax: (415) 576-0300
SJL:dim
SF 224700 v1